

Title (en)
ROLL STAND

Title (de)
WALZGERÜST

Title (fr)
CAGE DE LAMINOIR

Publication
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Application
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Abstract (en)
[origin: WO2021209332A1] The present invention relates to a roll stand (1), comprising a roll (3), in particular a backup roll, mounted via an oil film bearing (2) wherein: the oil film bearing (2) has a sealing system for sealing the oil film bearing (2) to prevent oil leakage and a coolant inlet, and is integrated into an oil-circulating lubrication system (4), which is fluidically connected to the oil film bearing (2) via oil feed lines (5) and an oil discharge line (6); a first sensor (11) is arranged in the oil feed line (5) and a second sensor (12) is arranged in the oil discharge line (6); and the two sensors (11, 12) are designed to determine the coolant content in the relevant oil volume flow.

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